Weidmüller Industrial Security

A brief overview of laws, requirements and offering

Industrial Security – simply secure

Weidmüller Эᴇ

Industrial Security
Simply secure

In today's digital world, industrial security is an indispensable topic for every company in the field of automation. The number of cyber attacks is constantly increasing. In view of these threats and the increasing legal requirements – such as the Cyber Resilience Act, NIS 2, RED DA or the EU Machinery Regulation – it is high time to take a close look at industrial security.

At Weidmüller, we are aware of these challenges and have already integrated numerous security functions into our products. Our solutions offer comprehensive protection and help you to secure your systems against the growing threats. But we go one step further: thanks to our strategic partnerships with leading companies such as Fortinet and Orange Cyberdefense, we are continuously expanding our offering in the field of industrial security. For the secure use of your machines and systems.

Important new security laws and industrial security standards

EU – NIS2	EU – RED DA	EU – Machinery Regulation	EU – Cyber Resilience Act	IACS UR-E26/27
EU Security Directive for key sectors. Much more sectors and companies as before.	EU extened RED regulations for wireless devices with network interfaces to the internet.	**MR:** EU new Machinery Regulation with security requirements.	**CRA:** Many security functions required for all products with digital elements and networks.	International ship building standards. Base for test companies like DNV, …
EU target for national laws: Oct. 2024	CE liability at: Aug. 2025	CE liability at: Jan. 2027	CE liability at: Dec. 2027	Liability for new ship contracts at: July 2024

Overview – To whom do the laws and standards apply

NIS2 applies to many industries with more than 50 employees or a turnover of over €10 million. This applies to security in IT and OT (Operation Technology) departments, including product suppliers.
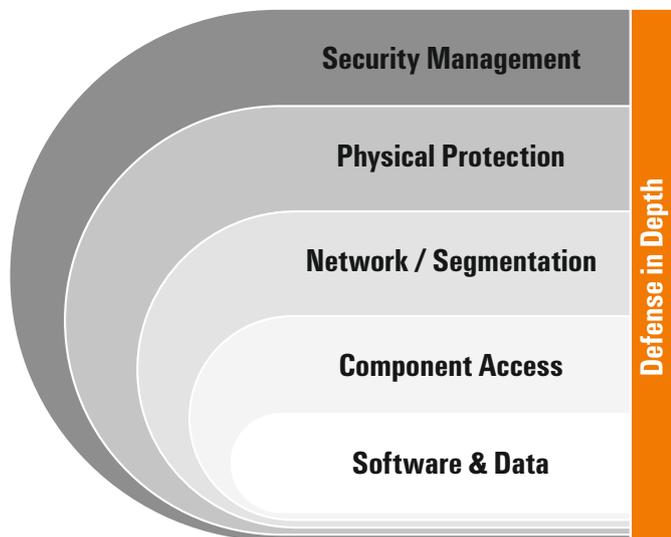
The CRA, RED-DA and MVO laws apply to products ranging from simple devices with a communication interface up to a machine.

	IT	OT	Product
Scope	own IT environment	own production	sellable products
Responsibility	IT department	OT department	Product development
Systems	PC, email, web-page, ERP, IT / cloud services, …	MES, Automation system, remote maintenance	Connected device, Machine
Role	operator, user	operator, user	producer, supplier
International Standards* (not harmonised)	ISO 27001	IEC 62443	IEC 62443
	NIS2	NIS2	CRA, MVO, RED-DA

As a family-run industrial company, Weidmüller stands for high robustness and quality. Under these prerequisites, we are constantly expanding our standard-compliant and internal quality standards. As a company, we are certified according to ISO 9001. Cybersecurity is a high priority for our company, our processes and products.

Product security at Weidmüller

Security Management

Physical Protection

Network / Segmentation

Component Access

Software & Data

Defense in Depth

Cyberdefense   F⊂RTINET

- Take advantage of the extensive security functions of Weidmüller products according to the "Defense in Depth" concept. Consulting from Weidmüller or with the help of our Product Security Guideline*. It is important that the security functions are used in accordance with the risk assessment of the application.

- Our security partner "Orange Cyberdefense" offers comprehensive security consulting and services for your machine or OT/IT infrastructure.

- From the industry for the industry: Weidmüller also uses its own products in production for security tasks.

- Weidmüller checks the applicability of security tasks for all relevant products and takes appropriate measures.

- Weidmüller has implemented the "Product Security Incident Response Team" (PSIRT) and informs about discovered security vulnerabilities*. Weidmüller is a member of CERT@VDE, the platform for publishing security vulnerabilities*.

*www.weidmueller.com/industrialsecurity

Weidmüller uses the international security standard IEC 62443 for its development processes and products

- Weidmüller has certified its product development process in accordance with **IEC 62443-4-1.**

- Weidmüller develops products according to **IEC 62443-4-2.**

- Weidmüller develops automation products for the shipping industry in accordance with the security industry standard **IACS UR-E27.**

IT/OT Security at Weidmüller

- Weidmüller implements the NIS2 requirement at company level in the areas of IT and OT.

- The development and operation of the u-link remote maintenance platform is **ISO 27001** certified.

IEC 62443

VDE CERT

Weidmüller – Your partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

Made in Germany

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